IN THE CLAIMS:

Claims 1-5 (Cancelled).

Claim 6 (Currently Amended) A speaker diaphragm arrangement comprising:

a voice coil bobbin;

a voice coil wound around the voice coil bobbin;

a diaphragm supported by the voice coil bobbin; and

a ~~metallic plate~~ heat radiation member attached to a heat radiating side of the diaphragm for radiating heat generated in the voice coil, voice coil bobbin and diaphragm.

Claim 7 (Previously Added): The speaker diaphragm arrangement according to claim 6, wherein the diaphragm is molded by injection molding.

Claim 8 (Currently Amended): The speaker diaphragm arrangement according to claim ~~7~~ 12, wherein the metallic plate includes at least one elongated metallic element that radially extends proximally from the voice coil bobbin.

Claim 9 (Currently Amended): The speaker diaphragm arrangement according to claim ~~7~~ 12 , wherein the diaphragm has a recess portion to receive the metallic plate.

Claim 10 (Previously Added): The speaker diaphragm arrangement according to claim 6, wherein the diaphragm has one of a planar, dome and conical shape.

Claim 11 (Currently Amended): The speaker diaphragm arrangement according to claim ~~6~~ 12, wherein the metallic plate does not cover all of the heat radiating side of the diaphragm.

Claim 12 (New): The speaker diaphragm arrangement according to claim 6, wherein the heat radiation member is a metallic plate.

Claim 13 (New): A speaker diaphragm arrangement comprising:

a voice coil bobbin;

a voice coil wound around the voice coil bobbin;

a diaphragm supported by the voice coil bobbin;

an edge portion around the outer periphery of the diaphragm;

a heat radiation member attached to a main acoustic side of the diaphragm adjacent to, and extending radially from, the voice coil bobbin in a direction towards the edge portion, wherein the heat radiation member allows for radiation of heat generated in the voice coil, voice coil bobbin and diaphragm.

Claim 14 (New): The speaker diaphragm arrangement according to claim 13, wherein the heat radiation member is a metallic plate.

Claim 15 (New): The speaker diaphragm arrangement according to claim 14, wherein the metallic plate includes a plurality of elongated metallic elements that radially extend proximally from the voice coil bobbin in a direction towards the edge portion.

Claim 16 (New): The speaker diaphragm arrangement according to claim 15, wherein the acoustic characteristics of the speaker diaphragm can be controlled by the arrangement of the plurality of elongated metallic elements.